

Pkt 771025

PROGRESS REPORT
For
VERSATILE, HIGH PRECISION STEREO
POINT TRANSFER DEVICE

Progress Report 552, 552A for September 1966

The following has been the work on these systems:

552

A large effort has been made to get system operating by 1 October 1966. Laser power supplies, laser heads, interconnecting cables, marking reticle drive and general adjustment and cleanup have been completed. System is now operable although eyepiece covers have not been replaced.

Two separate calibration runs were made and documented. The customer is studying results of the repeatability and measurement accuracy tests. In general, only one Y axis appears to exceed original design objective tolerance. A study is under way to determine means to straighten the ways with a tentative conclusion that much more down time can be expected to get the one Y axis error down by a factor of two. Much of the down time will be in restoring adjustments in optics and mechanism and refining way straightness.

Future work will depend on decision in measurement accuracy and shakedown problems.

552A #103

To satisfy film scratching complaints, another trip was

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Approved For Release 2003/01/28 : CIA-RDP78B04747A002900040056-6

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